

AWeb-IITM



The Amiga Web Browser!

*New!
v3.3*



*with
JavaScript Support,
Internal Mailto, News,
New - Progressive Image
& Animation AWebPlugins*



Including

New full screen mode!

New floating toolbar plugin!

New configuration options, & more!



*Requires Workbench 3.x,
4MB or more Ram, Hard
Drive, & TCP/IP software.*



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1.2 Registration & Support.

Please be sure to register your copy of *AWeb-II*. Support, upgrades, and any updates made available by AmiTriX will only be provided to registered purchasers of the product. **Registration should be done by completing the online form found on the AmiTriX Web Pages.**

NOTE: - You may reach our web site for online registration simply by selecting the "AWeb Home Page" or "Registration" items from the AWeb Help menu.

If you should have any problems with this product you are welcome to contact AmiTriX Development by **Email** (sorry, we do not provide support by phone), fax at the following number, or by post / mail to the address shown on the back cover of this manual. Include your name, address, serial number, TCP software used, and hardware configuration in any inquiries to assist our support staff in answering your questions. **Record the serial number from Install Disk #1 in the space below for easy reference.**

Serial Number:A3304178.....

Email: support@amitrix.com

Phone or Fax: 1+ (780) 929-8459

WWWeb: http://www.amitrix.com

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1.4 Acknowledgements.

1.4.a Authors.

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- Special thanks to Paul Kolenbrander, creator of HTML-Heaven, for helping to develop the concept of this package, and also for introducing us to AWeb. We regret that due to disk space limitations, HTML-Heaven is no longer included with the v3.3 distribution of AWeb.
- Thanks to Gabriele Favrin for HTTPX, Bill Parker for AWebNews, Thomas Wenzel for Play16, Evan Scott for FTPMount, and Josef Faulkner for the AWebMailTo script that formed the initial base of the plug-in support.
- Thanks to Andreas Kleinert (akJFIF) and Michael Zucchi (ZGIF) for the development of better and faster datatypes, and David Junod (AMS) for doing an update to the picture datatype in the dying days of Commodore.

1.4.b Other Contributors.

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- Manual & DTP work by Dale Currie & *Zzorro Ink*, using Professional Page 4.1 on an Amiga 3000/PicassoII.

2. Introduction.

2.1 About AmiTriX.

AmiTriX Development is a registered Amiga development group established for the purpose of creating new, innovative, high quality hardware and software products for the Amiga® and CDTV line of computers. The AmiTriX members have extensive backgrounds in the technical, engineering, and software fields, and are Commodore users of long standing. Other products include the *SCSI-TV* and *SCSI-TV570* hard drive controllers for CDTV's/A570's; and the *Amiga-Link* peer-to-peer networking system using the external floppy port.

We would like to take this opportunity to thank you for the purchase of this product, and hope that you will continue to be our valued customer in the future. For further information about current and future products, please feel free to contact us via our web site or support lines listed in the Registration & Support section at the front of this manual.

2.2 What is AWeb-II.

The AWeb-II package is intended to provide a comprehensive set of software tools for accessing and authoring on the World Wide Web. Almost everything needed except for TCP/IP software, a text editor, and some optional datatypes are provided. Both AmiTriX and the authors intend to continue the development of this product with the intent of making it the Premier choice for Amiga web access.

AWeb-II provides a very flexible platform for this purpose, with its extensive support for external programs and ARexx plug-ins. You are free to use the included utilities and plug-ins, substitute others of your choice, or build your own using the expanded AWeb ARexx command set with HTML code, as desired. The ARexx macros provided for plugin configuration include support for some of the other programs available, more can be found on Aminet.

NOTE: AWeb now has a new public API for external plugins so other programmers will be able to create additional tools for it, see the online docs for more info.

Also, William Parkers AWNpipe can be used to create a ClassAct/Reaction GUI for ARexx plugins or for any stand-alone application as well. For further information, contact him at support@amitrix.com.

2.3 Requirements.

The following hardware & software are required in order to install and use AWeb-II:

- 1) Workbench / Kickstart 3.0 or better, and a Hard Drive. Approximately 4MB of free hard drive space for installation of the software, and 5-10MB of free space for disk caching unless you have a lot of free ram.
- 2) At least 2 Megs of fast ram (4 or more is recommended), and 1-2 Megs of chip ram. Machines with less than 1 Meg of chip ram may find image loading to be difficult or impossible. Even if you have a graphics card, chip ram is still used for some image/animation decoding and active caching.
- 3) A working TCP/IP stack, either AmiTCP, AS-225, I-Net225, TermiteTCP, Miami, or other suitable software such as MLink. Miami is our recommended choice, and MiamiSSL is required for secure transfer (https) functions.
- 4) The installation of additional datatypes/viewers/players to handle other file and sound types, as required. GIF, JFIF, & PNG plugins for viewing those images are included. To hear background sounds on web pages, WAVE, VOC, AU, MAUD, AIFF, and IFF sounds can be handled by the included external Play16 player. Other datatypes such as TIFF, PCX, or players for MIDI, MPEG, etc. may prove to be usefull. These may be obtained from Aminet, or various web sites, including ours. You can use the AWeb Search Engines menu option for access to many of these sources.

NOTE: - The akJFIF datatype supplied is not the latest version due to disk space limitations, you may want to get the newest one from Aminet once you are online.
- 5) The ClassAct gadget kit (included) is used by the AWeb-II GUI, for OS3.5 AWeb will use the Reaction classes provided with the OS instead.
- 6) Appropriate sizes of times & courier fonts in bitmap form (for the fastest performance) or a suitable replacement are required for viewing HTML documents. 30 & 36 point sizes of these fonts are included for those that may not have received them in their OS3.x distribution. The CGTimes and other scalable fonts may also be used for improved quality if you have a faster processor, or as a source for generating bitmap fonts using the Intellifont program from Workbench. Check the default settings in the AWeb Settings menu for "*Browser settings - Fonts window*" to get an idea of the basic font sizes needed.

2.4 Recommendations.

The following information is provided to assist you in getting the most enjoyment from the software and understanding the requirements for using the web effectively.

- 1) Some large images, graphics intensive pages, and maps may not be viewable without 2 Megs of chip ram, or may require flushing previously viewed images from memory to make space available. AWeb has an automatic memory flush to avoid lockups with low memory, make sure Cache settings leave enough minimum free chip/fast ram to allow this to work.
- 2) 4 or more Megs of fast ram will also help speed up the process, although all caching can be redirected to the hard drive using the Network settings - Cache window. Keep a reasonable amount of free space available on the hard drive for caching, &/or use the non-cachable sites list to reduce space requirements.
- 3) Faster processors and modems will also, of course, help to speed up image decoding and download times, but AWeb-II can still function reasonably well on a 68000 processor with appropriate setup.
- 4) An expansion serial port may provide improved performance. AGA machines using DBLNTSC or DBLPAL screen modes with a fast modem may have to reduce their modem speed and/or number of screen colors to avoid errors during data transmission and the resultant slowdown in web page loading.
- 5) The addition of a graphics card, if possible, will add more colour capability and display speed to both ECS and AGA machines. AWeb-II supports all screen sizes on current graphics boards & software (eg. Picasso or CyberGraphX). With CyberGraphX software, AWeb supports the use of fast memory in place of chip ram for most image display functions.
- 6) Please read the installation instructions for further information regarding options selectable during install, and the online AWeb-II HTML documentation for configuration & settings.
- 7) Also, see the "Information FAQs" file in the *AWeb-II Plugins* section of the online docs for additional information on installing TCP, Telnet programs, mime types, fonts, palette & printer settings, graphics card software, and solving various other common setup problems.
- 8) New &/or updated tools, docs, and plugins are put on our web pages for access whenever they become available, check in occasionally to see what's new by selecting "*AWeb Home Page*" from the help menu.

3. Features & Specifications.

3.1 An Overview.

- ✧ AWeb-II uses extensive internal multitasking, for total asynchronous and parallel network access. Pages can be scrolled and links can be followed while the initial document and images are still being loaded. A separate network status window shows all activity, and allows immediate interruption of all or any selected file transfers.
- ✧ Supports HTML-2.0, 3.2, & 4.0 standards, including tables, image alignment, text/link colors, frames, server push/client pull, cookies, borders, maps, icons, and table backgrounds. Additional support is provided through selectable HTML compatibility modes for non-standard or buggy HTML code.
- ✧ AWeb-II now supports JavaScript v1.1 and secure transfer (https) protocols using MiamiSSL as the TCP/IP stack. Spamblock and Spoof-As options have also been added. New progressive image display/animation awebpugins.
- ✧ Full Locale language support. Catalogue files for most languages are included, more are being added as they are done. The internal AWeb-II HTML docs are also being translated and will be put on our web page as they are completed.
- ✧ AWeb-II supports the use of proxies for HTTP, FTP, Gopher, and Telnet. HTTP, FTP, and Gopher are supported internally, as are authorizations. FTP transfer, Mailto, and News are now supported internally as well. Mail, Telnet, and News can also be used via external programs or through ARexx plug-ins with AWeb-II's powerful shell command interface.
- ✧ Image loading can be delayed, or limited to clickable maps. Un-loaded images can be selectively displayed. Background images can be turned on or off separately. Transparency and the 24-bit picture datatype are supported.
- ✧ AWeb-II has a fast, persistent, disk based cache and a built-in cache browser to allow easy off-line browsing and cache management. Host names & network addresses are cached for improved speed. The history window allows selective display of previously viewed pages. Automatic update of previously cached pages, with unchanged parts loaded from local cache for improved speed.
- ✧ Includes a hierarchical hotlist with options to group entries, and can read other programs hotlists. New, powerful, Hotlist Manager to edit/organize the lists.

- ✧ Advanced settings requesters provide extensive configurability and are now split into five separate sections for Browser, Program, GUI, Network, and ClassAct settings. Button images and transfer animations can be replaced from the included selection, or you can make your own & also change their function.
- ✧ AWeb-II can open it's window on its own screen, on the default public screen, or on any named public screen. New Startup info window; Page info window for document links, transfer headers, and meta information; Network status window with CPS rate; URL template popup menu, Iconify to WB AppIcon.
- ✧ User configurable popup menus are provided to control operations on images, frames, or links displayed on the page, with choice of hot-key/mouse-button. Additional user GUI buttons, keyboard & main menu are now all configurable.
- ✧ Includes Clipboard support, viewing/saving/editing source code on pages, an extensive ARexx command set, macro support, and ARexx macros for a number of useful functions are provided for the user buttons/popup menus.
- ✧ AWeb-II supports background sounds on pages, with the appropriate sound players/datatypes installed. The Play16 external player is included.
- ✧ Graphical printing is now supported directly from the AWeb-II Project menu, with scaling, centering, form feed, and background image printing options.
- ✧ AWeb-II can use virtually all TCP stacks for the Amiga, as well as some shell accounts like MLink. Automatic TCP startup and stop can be configured.
- ✧ A text search menu function is included for quickly locating the section of a page where specific word(s) may be found. There is a new search function for the AWeb-II docs, a new auto-search function, and a search engines page to access most popular WWW information resources.
- ✧ New full screen (Hide AWeb GUI) options with floating Toolbar plugin for a larger page view and direct access to Miami and the hotlist via the Toolbar menu. Try the new AWebModes plugin to quickly change common settings for the current session.
- ✧ The HTTX program provides HTML to text conversion and will save results to a selected file or direct it to print for high speed output. ARexx macros are provided for both, and a preview mode is now available.
- ✧ AWebNews provides an option for online news reading and RNEWS batching. A menu bar clock can be installed with user button to keep track of online time.

4. Software Installation.

NOTE: - The installation procedure for the AWeb-II package requires that it be installed using the provided Installer script. Any manual installation will likely result in AWeb-II and its plugins being non-functional. Not all steps in the procedure may be required for all installations. Choose the sections that are appropriate for your hardware or software configuration.

4.1 Getting Started.

- 1) We suggest that you first make backups of all your AWeb-II, AWeb Extras, & AWeb Plugins disks for use during installation, and then put the originals in a safe place. They will be required for future update patches.

NOTE: - After the install procedure is complete, you will be required to enter your name and serial number from Install Disk #1 when you first start up the AWeb program. Write your serial number from Install Disk #1 in the space provided in the Registration & Support section for ready reference.

- 2) The files are distributed across all disks and are compressed for the optimum use of space. All disks may be required during the installation of any of the software included in the distribution.
- 3) AWeb-II and all its docs, plugins, fonts, datatypes and the ClassAct gadget kit are installed by the same procedure. You should have approximately 1 Meg of free ram and the standard Amiga *Ram:T* directory available for the installation process to use when decompressing its archives.
- 4) The AWeb-II install contains a number of selection windows at various points in the process, allowing you to selectively install or re-install parts of the distribution.
- 5) We DO-NOT recommend running the Install procedures from a shell. This can lead to problems with the installation. When run via the Workbench using the icons on the AWeb-II Install Disk #1, it will insure that the correct versions of the Installer and LHex programs included on our disks are used during the procedure, so that everything will go smoothly.
- 6) Similarly, DO-NOT attempt to do the installation manually, as it is quite complicated and will most likely result in a non-functional setup. If you do have problems, DO contact us via the methods shown in the Registration & Support section at the front of the manual.

4.2 Installing AWeb-II.

NOTE: - Text entries in both the registration requestor and the AWeb-II settings windows **MUST** be terminated with a "Return", or they will not be kept and used when the window is closed. The following items may not mirror their exact order of appearance during the install, so please read the whole section.

- 1) If you have an existing copy of AWeb or a demo version, this new version will be installed in its own drawer rather than overtop of the old one. You will be offered a choice of where to place AWeb-II, and also for which of the software items (including AWeb-II) are to be installed in this session. These options will allow you to selectively re-install parts of the distribution later, if that is necessary, or to add parts that were not selected in the initial installation.
- 2) The ARexx plug-ins and utility programs; AWebNews, HTTX, and Play16; will each be placed in their own directories within a Plugins drawer created in the AWeb-II drawer. Their configuration scripts will also be added to the ARexx Macro menu, user buttons, or popup menus during the install. You will be offered a choice of which plugins should be installed. Please see the following "**Extras**" section for more information about them.
- 3) The ZGIF, akJFIF, and AMS datatypes will be installed in your Sys:Classes/ Datatypes and Devs:Datypes directories if selected, and you will be warned if existing ones may be replaced. See the Extras section for more info.

NOTE: - If you are using the v43+ 24bit datatype system or Picasso96 graphics card software, **DO-NOT** install the picture.datatype replacement from the AMS datatypes. It is only intended to update the original Workbench 3.1 file.

- 4) A separate directory called "*Cache*" is required for AWeb-II's disk cache, where all the web pages and images viewed will be stored. You will be asked where to place this directory, the default is inside the AWeb-II drawer. If you have more than one hard drive, you might consider placing it on a different drive from AWeb-II. The space requirements for the Cache directory will grow as you browse the web, and allocating 10-40MB or more of disk space to it is not unusual. You can set the size of the cache in Network settings window.
- 5) You will be offered a choice of language support to be installed in Workbench Locale directory for AWeb Menus and Settings windows. Select one or more.
- 6) Icons are provided for standard Workbench, MagicWB, and for NewIcons. You will be asked to select which one you wish to install. A copy is made for AWeb from the originals in the icons drawer, so you can change them later.

- 7) AWeb-II requires either the ClassAct gadget kit provided as a part of this package or the OS3.5 Reaction classes. You may be asked if these should be installed in the Workbench Classes directory, and it is recommended that you do so except for OS3.5, otherwise an assign will be required to access them from the AWeb-II drawer. The CAPrefs program may also be installed in the Prefs drawer to allow configuration changes to the ClassAct GUI and pen color selections, but is not required for OS3.5.
- 8) If you intend to install FTPMount, and your TCP software has not yet been installed, be aware that FTPMount only works with AmiTCP or Miami and is only required for file uploads. See the Extras section for more info.
- 9) Once the installation is complete, you can then start AWeb-II in local mode by clicking on its icon. You must first personalize your copy of the program with your name and serial number, and may then use the extensive internal HTML docs for further reference on usage and settings. Please be sure to register your copy of AWeb-II with AmiTriX, so that you will be able to receive future upgrades. To do that, once you have a running TCP stack, simply select the "Registration" item from the AWeb help menu. When the page is displayed, fill in and submit the registration form. You will receive an email confirming receipt of a successful entry.
- 10) If you have the old JFIF datatype installed, and did not replace it with the included akJFIF datatype, see the internal AWeb-II Installation docs for the configuration of its preferences required for use with AWeb-II before going online. If you installed the akJFIF datatype, you can ignore this.
- 11) Additional datatypes can be down loaded from Aminet, from our web page, or various others. See the internal AWeb-II docs for Browser settings - Viewers, for information on Mime types and how to configure AWeb-II for using other datatypes or external programs for different functions. Datatype files named "*xxx.datatypes*" are placed in the Sys:Classes/Datatypes directory, and the "*xxx & xxx.info*" files go into the Devs:Datatypes drawer. Click on the icon or reboot to activate the new datatype.
- 12) If you have less than 4 MB of fast ram, you will likely need to set various configuration options for optimum performance with AWeb-II. When the new installation has been completed, start AWeb-II in local mode (without an active TCP/IP connection) and read the online Installation-tips docs to see how the settings should be configured for a 2MB Amiga.

- 13) Larger fonts look best with most of the pages on the web, but if you plan to run AWeb-II on a low-res screen or a window less than 640x400, you may want to use smaller font sizes. These can be changed using the Browser settings window once you have AWeb-II installed and running.

Note: Use of the CGTimes or other scalable fonts will provide better quality but slower initial startup and operation, so make sure you have those fonts installed and use Intellifont to create the required sizes.

- 14) See the AWeb-II internal docs for information on how to change the AWeb button and transfer animation images, the user configurable buttons, hot-keys, main menu, and popup menus using the new GUI prefs windows.

5. Extras - The Plug-ins.

5.1 FTPMount.

- 1) For file downloads, FTP is now handled internally in AWeb, but for uploads you will need to use an external program. Due to disk space requirements, FTPMount is no longer included with the package, but can be found on our AWeb Home Page for download.
- 2) If you are using AmiTCP, Miami, or MLink, you can install the above program if desired. FTPMount provides the capability to get or make a direct file transfer to or from FTP sites such as Aminet. For other TCP/IP software, you should not install FTPMount, but use FTP utilities that are intended to work with your software or provided with it.
- 3) FTPMount should be installed in its own FTPMountDir drawer. A choice is provided for the location of the filesystem mountlist for FTPMount, this should normally go in the default Sys:Storage location, and will then be mounted automatically when required.
- 4) Once installed, the program requires some tootype parameters to be set in the icons in the hosts drawer, in order to perform their functions. See the program docs on the AWeb-II Plugins page or the FTPMount archive for usage.

5.2 AWebGIF, AWebJFIF, AWebPNG.

- 1) These are true AWeb internal image processing plugins, and are now included and automatically installed as part of the package. They provide the capability for progressive display, scaling and transparency on JFIF, GIF & PNG images, and playback of GIF & PNG animations without the use of datatypes.
- 2) They are now installed as the default viewers for these image types, and setup with basic default options. However, you should review the docs for them, which can be accessed from the AWeb Plugins online doc page. There are a number of settings argument options which can have considerable effect on the speed and performance of image display, depending on your particular systems hardware. It may take some experimentation to find the optimum settings, the use of the PROGRESS option to control progressive display and ANIMATE for GIFs are most important. Also, check our AWeb page for future updates.
- 3) On machines with slower CPUs, it may be desirable to turn progressive display and/or animation off to improve image display speed. Animations eat CPU time once running, but are suspended when not in the current display window. Setting PROGRESS=12 or higher will speed up progressive display, and adding the LOWPRI argument may improve GUI response. See the docs for more detailed information. You can also switch back to installed datatypes by changing the Browser settings/Viewers Action button to "Internal" after the image type is selected.

5.3 ToolBar, ClipLog, FTPlus.

- 1) Toolbar is installed with a user button, and will automatically switch AWeb to Hide-GUI (full screen) mode when started and restore it when stopped. In addition to providing a larger page viewing window with a floating re-sizable toolbar, it has menus for Miami and a Hotlist menu list for favorite sites. To access the docs, hit the Help key when its window is active or use the menu.
- 2) ClipLog is a plugin for research/information gathering that allows you to quickly save successive clips from web pages to a file for later viewing or printing. Just click on the installed user button to open its window for use, setup, or access to the docs.
- 3) FTPlus is also installed with a user button, and provides enhanced FTP capabilities over AWebs internal FTP. To access the docs, use the Open Local menu item to load them from the AWeb Plugins/FTPlus drawer.

5.4 AWebModes, AutoSearch, AWebDL.

- 1) AWebModes is installed with a user button which will open the plugins GUI window. This will allow you to turn on/off some common settings with a mouseclick instead of accessing several settings windows. These changes are made in "Use" mode rather than "Save", so only apply until a reboot is done unless you use a Save All Settings command from the menu.
- 2) The enhanced AutoSearch functions configuration can be accessed by a ? in the URL field, its docs are in the AWeb Plugins/AutoSearch drawer (ascii mode).
- 3) AWebDL is installed in the popup menus, and provides the ability to pre-configure the save path for multiple file downloads and avoid having to answer the save requester each time, as well as some other features. Its docs are in the AWeb Plugins drawer in ascii text form.

5.5 AWebNews.

- 1) AWebNews is an online news reader which uses the TCP: handler. It will work with AmiTCP, INet-225 and Maimi. Other TCP/IP stacks are untested at this time. Messages can also be batched to an RNEWS compatible file for offline reading with programs such as GRn.
- 2) You will need to provide the name of your news host (eg. news.amitrix.com) in the configuration screen. There are also a number of other options available for customizing AWebNews via the configuration screen. See the program docs on the AWeb Plugins drawer for more detailed information.

5.6 Telnet.

- 1) AmiTCP comes with Telnet & Napsaterm programs. Napsaterm provides a better interface, and can open it's window on an AWeb-II screen if setup to do this in the napsaprefs config file. Napsaterm will also work with Miami or MLink. There are a number of other telnet programs available from Aminet. (see the Problem_FAQs file on the AWeb-II Plugins page for more info)

5.7 Play16.

- 1) Play16 will be installed and configured to play certain sound types by the install procedure (see Browser settings/viewers). For more information on the setup and use of the program, see the Play16 docs in AWeb Plugins drawer.

5.8 HTTX.

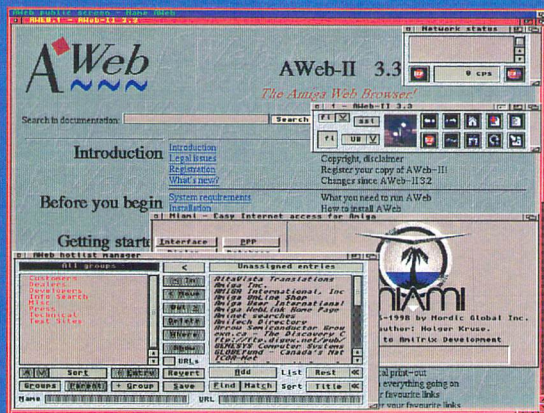
- 1) This program will convert the HTML encoded text from a web page or HTML document into standard ascii text. You can then save the output to a designated file or dump it directly to the Prt: device for printing, using the included ARexx macros. It can also be run from the shell if required.
- 2) Numerous options to control the text conversion and format of the text output from HTTX can all be selected and saved or changed at any time using the HTTX GUI displayed when the user button installed with it is clicked on, including a preview mode to check the results of the conversion before printing or saving it. For further information, see the HTTX online docs.
- 3) When the *"Save As Text"* option is selected, a file requester will be called to allow you to change the default directory/file name. The default directory can be changed in the configuration screen.

5.9 Clock, X-Viewer.

- 1) The clock program display will appear in a small window in the titlebar when the installed user button is clicked, allowing you to keep track of online time.
- 2) The X-Viewer plugin is installed in the popup menu and will use an external viewer which has been configured in the AWebs external viewer settings.

6. Notes.

- 1) The online HTML documentation is only provided in English with the disk package. Translations of the AWeb documentation are under way by ATO members whenever possible, and archives for each language that get translated will be posted on our web page as soon as they are received.
- 2) The printed registration card has been discontinued, as we want you to enter your information via the online form on our web page so it is automatically put into the database. If you are using AWeb strictly offline and have no web access, you can still register via mail as noted in Section 1.2 of this manual.



- HTML 2.0, 3.2 & 4.0 compatibility.
- Background images and sounds, text & link color, image alignment, icons, borders, maps, GUI palette control.
- Locale language support & catalogs.
- Internal FTP, page/link Info window.
- Proxies, cookies, and authorizations.
- Server push/Client pull, URL popup.
- Configurable disk cache & browser.
- Internal Mailto and News reader.
- Tables, full frames, window history, hotlist manager, clipboard support, multiple file transfer connections.
- Network status window, CPS rate.
- Graphical & text printing functions.

- Full ARexx command & macro support allows for extensive external plugin capabilities.
- Public internal plugin API allows AWebplugins to render directly into the AWeb window, configurable image plugins for progressive/anim display of GIF, PNG, & JFIF pictures.
- HTTPS support for MiamiSSL secure file transfer, GUI indicator & warning requester.
- Fully configurable interface - image, link, & frame popup menus; main menus, keyboard, user specified buttons, GUI buttons & transfer animation can all be changed as desired.
- View, Edit, or Save the currently displayed HTML source code, Save page as IFF option.
- Comprehensive online HTML docs with search function, page search function highlights found text segments, configurable web search engine with an auto-search option.
- JavaScript v1.1 support with error window, debugger & stand-alone CLI interpreter.
- New full screen mode with floating toolbar, Appwindow & iconify to Appicon functions, suppress banner windows & Spoof-as options. No-cookie, No-cache, & No-proxy lists.

Additional tools included in this package, with the authors kind permission, include:

- *HTTX, the HTML-text conversion program by Gabriele Favrin.*
- *Datatypes by Michael Zucchi, Andreas Kleinert, & David Junod.*
- *Play16, the sound and music player provided by Thomas Wenzel.*
- *AWebNews and Toolbar plugins & AWNpipe by William Parker.*

This product is a tribute to the international spirit of co-operation between Amiga developers!

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